

**MONTANA STATE AVIATION SYSTEM PLAN
1995 UPDATE
FIELD INSPECTION FORM**

AIRPORT:	BIG SKY FIELD (S85)	AIRPORT REFERENCE CODE:	B-I (SM)
CITY:	CULBERTSON	APPROACH TYPE:	VISUAL
CONTACT:	DENNIS ELGEN	DATE INVENTORIED:	1-17-96
PHONE #:	787-6620	INSPECTED BY:	RSD

	REQUIRED	ACTUAL	ALP	CONFORM
RUNWAY 8/26 INVENTORY				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	125'	180' & 182'		✓
PARALLEL TAXIWAY FROM CENTERLINE:	150'	N/A		N/A
AIRCRAFT PARKING FROM CENTERLINE:	125'	N/A		N/A
RUNWAY WIDTH:	60'	58' (1)		✓
RUNWAY LENGTH:	4,360 (2)		3,800'	95%
RUNWAY SAFETY AREA (RSA) WIDTH:	120'	OK		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	250'	OK		✓
PRIMARY / TRANSITION SURFACE PENETRATIONS:	250' W & 7:1	OK		✓
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	250' WIDE x 200' BEYOND			✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	1"+		OK
PAVEMENT MARKING TYPE:	BASIC	BASIC		✓
PAVEMENT MARKING CONDITION:		GOOD		N/A
RUNWAY 8 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			1,954.1	N/A
RUNWAY 26 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			1,935.2	N/A
RUNWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	8' - 9'		(1)
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL, BASE MOUNTED, ADB-ALNACO			N/A
CONDITION:		GOOD		N/A
COLOR:	WHITE	WHITE		✓
THRESHOLD 8				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓
THRESHOLD 26				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓

COMMENTS:

(1) 58' WIDE OVERLAY ON A 60' ASPHALT BASE. LIGHTS SEEMED TO BE 10' FROM EDGE OF OVERLAY

(2) R/W LENGTH OF 3,130' FOR 75%, 3,750' FOR 95% AND 4,360' FOR 100% COVERAGE; ALP ULT OF 4,400' SHOWN

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	REQUIRED	ACTUAL	ALP	CONFORM
TAXIWAY INVENTORY				
TAXIWAY WIDTH:	25'	25' & 30'		✓
TAXIWAY SAFETY AREA WIDTH:	49	OK		✓
TAXIWAY OBJECT FREE AREA WIDTH:	89	OK		✓
DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ.	44.5	OK		✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	~1.5 (VARIED)		OK
PAVEMENT MARKING TYPE:		YELLOW		✓
PAVEMENT MARKING CONDITION:		GOOD		N/A
TAXIWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	(1) NONE		N/A
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'			
TYPE:				
CONDITION:				
COLOR:	BLUE	▼		

MISCELLANEOUS

TYPE OF BEACON:	MOUNTED ON "HOME-MADE" 35' METAL TOWER ~430' SOUTH OF RW
SIZE OF BEACON:	12"
OTHER LIGHTING AIDS (VASI,PAPI,REIL):	ADB-ALNACO PAPI @26 END, GOOD COND, 50' OFF PVMT EDGE
WINDCONE (CONDITION & COMPLIANCE):	SOUTH OF RW ~380', LIGHTED, 25', GOOD COND, EAST OF APRON
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	WOOD PANEL CONSTRUCTION IN POOR CONDITION
WINDCONE (CONDITION & COMPLIANCE):	
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	
FENCING:	GOOD
SIGNS: (TYPE, CONDITION, PLACEMENT)	FOUR ADB-ALNACO IN GOOD COND ALL BUT ONE 15' OFF PVMT EDGE (ONE AT 13' FROM PAVEMENT EDGE)

COMMENTS:

(1) ENTRANCE BLUE LIGHTS MARKING TAXIWAY EXITS
